

CLAIMS

I claim:

1 1. A lighting system comprising:
2 a light source,
3 a means of collecting and focusing light from said light source,
4 an aperture,
5 at least one color filter, and
6 an image lens; wherein
7 a light beam from said light source is focused through said aperture to define an
8 object to be projected, said aperture being positioned upstream of said color filter.

1 2. The lighting system of claim 1 wherein:
2 said filter and said image lens are deployed in an area of said light beam where
3 a diameter of said light beam is smaller than a diameter of said aperture.

1 3. The lighting system of claim 1 wherein:
2 said filter is a two stage filter, said filter comprising
3 a first gradient region that is partially coated with a pastel color filter medium,
4 a first region that is coated with said pastel color filter medium,
5 a second gradient region that is partially coated with a saturated color filter
6 medium, and
7 a second region that is coated with said saturated color filter medium.

1 4. The lighting system of claim 3 wherein:
2 said first region overlaps said second gradient region.

1 5. The lighting system of claim 3 wherein:
2 said filter is formed from a single substrate.

1 6. The lighting system of claim 3 wherein:
2 said filter is formed from two substrates, said substrates being bonded together
3 to form said filter.

1 7. The lighting system of claim 6 wherein:
2 said first region and said first gradient region are formed on a first one of said
3 substrates, and
4 said second region and said second gradient region are formed on a second one
5 of said substrates.

1 8. The lighting system of claim 3 wherein:
2 a centerline of said filter lies on an arc.

1 9. The lighting system of claim 8 wherein:
2 said filter is formed from a single substrate.

1 10. The lighting system of claim 8 wherein:
2 said filter is formed from two substrates, said substrates being bonded together
3 to form said filter.

1 11. The lighting system of claim 10 wherein:
2 said first region and said first gradient region are formed on a first one of said
3 substrates, and
4 said second region and said second gradient region are formed on a second one
5 of said substrates.

1 12. The lighting system of claim 3 wherein:
2 a centerline of said filter lies on a straight line.

1 13. The lighting system of claim 8 wherein:
2 said filter is formed from a single substrate.

1 14. The lighting system of claim 8 wherein:
2 said filter is formed from two substrates, said substrates being bonded together
3 to form said filter.

1 15. The lighting system of claim 10 wherein:

2 said first region and said first gradient region are formed on a first one of said
3 substrates, and
4 said second region and said second gradient region are formed on a second one
5 of said substrates.

1 16. A two stage filter comprising:
2 a first gradient region that is partially coated with a pastel color filter medium,
3 a first region that is coated with said pastel color filter medium,
4 a second gradient region that is partially coated with a saturated color filter
5 medium, and
6 a second region that is coated with said saturated color filter medium.

1 17. The lighting system of claim 16 wherein:
2 said first region overlaps said second gradient region.

1 18. The two stage filter of claim 16 wherein:
2 said filter is formed from a single substrate.

1 19. The two stage filter of claim 16 wherein:
2 said filter is formed from two substrates, said substrates being bonded together
3 to form said filter.

1 20. The two stage filter of claim 19 wherein:
2 said first region and said first gradient region are formed on a first one of said
3 substrates, and
4 said second region and said second gradient region are formed on a second one
5 of said substrates.

1 21. The two stage filter of claim 16 wherein:
2 a centerline of said filter lies on an arc.

1 22. The two stage filter of claim 21 wherein:
2 said filter is formed from a single substrate.

1 23. The two stage filter of claim 21 wherein:
2 said filter is formed from two substrates, said substrates being bonded together
3 to form said filter.

1 24. The two stage filter of claim 23 wherein:
2 said first region and said first gradient region are formed on a first one of said
3 substrates, and
4 said second region and said second gradient region are formed on a second one
5 of said substrates.

1 25. The two stage filter of claim 16 wherein:
2 a centerline of said filter lies on a straight line.

1 26. The two stage filter of claim 25 wherein:
2 said filter is formed from a single substrate.

1 27. The two stage filter of claim 25 wherein:
2 said filter is formed from two substrates, said substrates being bonded together
3 to form said filter.

1 28. The two stage filter of claim 27 wherein:
2 said first region and said first gradient region are formed on a first one of said
3 substrates, and
4 said second region and said second gradient region are formed on a second one
5 of said substrates.